

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 5 | (UFPA) and filter and target and (cryocool\$4 or cryogenic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 14:59 |
| L3 | 1 | (UFPA) and filter and target and PPM | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:21 |
| L4 | 1 | (UFPA) and filter and target and PPM and (low same temperature) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:22 |
| L5 | 2 | (UFPA) and filter and target and (ancillary or furnace) and (low same temperature) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:23 |
| L7 | 1 | (UFPA) and filter and target and (low same temperature) and (celsius or kelvin) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:23 |
| L8 | 1222 | thermal and image and target and (low same temperature) and (celsius or kelvin) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:24 |
| L9 | 77 | thermal and image and target and (low same temperature) and (celsius or kelvin) and FPA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 13:33 |
| L10 | 70 | thermal and image and target and (low same temperature) and (celsius or kelvin) and FPA and filter | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:24 |
| L11 | 69 | thermal and image and target and (low same temperature) and (celsius or kelvin) and FPA and filter and range | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:24 |
| L12 | 64 | thermal and image and target and (low adj temperature) and (celsius or kelvin) and FPA and filter and range | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:24 |
| L13 | 63 | thermal and image and target and (low adj temperature) and (celsius or kelvin) and FPA and filter and range and (hous\$4 or chamber) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:25 |

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|-----|--------|---|---|----|-----|------------------|
| L14 | 3 | L13 and ((band adj pass) same filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:25 |
| L15 | 1392 | thermal and image and surface and (low adj temperature) and (celsius or kelvin) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:28 |
| L16 | 68 | L15 and "250"\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:28 |
| L17 | 1 | thermal and image and target and (low same temperature) and (celsius or kelvin) and FPA and (lens same (anti adj reflect\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 13:37 |
| L18 | 72 | (thermal imaging) and device and "band pass filter" and (lens same (anti adj reflect\$4)) | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:10 |
| L19 | 145608 | thermal and image and surface | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 13:38 |

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|-----|----|---|---|----|----|------------------|
| L20 | 99 | ("3621258" "3665190" "3891843" "3961325" "3971015" "3973146" "4176398" "4276474" "4298887" "4369463" "4380755" "4513390" "4587426" "4589024" "4609824" "4628364" "4652766" "4654622" "4659928" "4679068" "4684812" "4686373" "4739409" "4745278" "4752694" "4754139" "4792661" "4792681" "4808822" "4831257" "4879598" "4902895" "4922116" "4935629" "4956686" "4967082" "4991109" "4991127" "5010251" "5021663" "5045685" "5084704" "5118947" "5129595" "5134474" "5153436" "5166810" "5175802" "5185883" "5200623" "5201582" "5204761" "5216510" "5268576" "5288649" "5300915" "5326726" "5367167" "5369280" "5389788" "5399889" "5420419" "5442176" "5446284" "5486698" "5489776" "5512748" "5532484" "5541142" "5554849" "5559332" "5563405" "5572029" "5578826" "5591973" "5600369" "5650622" "5656848" "5698852" "5756999" "5760398" "5763885" "5811815" "6157404" "6225937" "6249002" "6274869").PN. OR ("6515285"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/07 13:38 |
| L21 | 0 | L19 and L20 and (lens same (anti adj reflect\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 13:38 |

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|-----|-----|--|------------------------------------|----|-----|------------------|
| L22 | 21 | (US-20020030162-\$ or US-20040129881-\$).did. or (US-5737119-\$ or US-5600139-\$ or US-5675149-\$ or US-6255650-\$ or US-5144149-\$ or US-6486473-\$ or US-6630670-\$ or US-6515285-\$ or US-4940895-\$ or US-5463222-\$ or US-6133569-\$ or US-6144031-\$ or US-5248884-\$ or US-4594507-\$ or US-RE33857-\$ or US-4257106-\$ or US-5268576-\$ or US-5396068-\$ or US-6649912-\$). did. | US-PGPUB; USPAT | OR | ON | 2006/07/07 13:40 |
| L23 | 1 | L22 and (lens same (anti adj reflect\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 13:40 |
| L24 | 4 | (thermal imaging) and device and "band pass filter" and (low adj temperature) and celsius and degree and negative | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:11 |
| L25 | 0 | 250/339.02.ccls. and (low adj temperature) and celsius and degree and negative | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:13 |
| L26 | 0 | 250/339.02.ccls. and (low adj temperature) and celsius and degree | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:12 |
| L27 | 0 | 250/339.02.ccls. and (low adj temperature) and celsius | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:12 |
| L28 | 31 | "250"\$.ccls. and (low adj temperature) and celsius and degree and negative | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:15 |
| L29 | 21 | "250"\$.ccls. and (low adj temperature) and celsius and degree and negative and thermal | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:16 |
| L30 | 832 | 250/332.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |
| L31 | 458 | 250/338.4.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |

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|-----|-----|---|---|----|-----|------------------|
| L32 | 528 | 250/352.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |
| L33 | 832 | 250/332.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |
| L34 | 734 | 250/330.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |
| L35 | 99 | 250/339.04.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |
| L36 | 191 | 250/339.02.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:59 |
| L37 | 156 | 250/339.01.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:59 |
| L38 | 12 | optic\$4 and (UFPA or (uncool\$4 adj (focal adj plane))) and filter and target and window | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 14:59 |
| L39 | 6 | (UFPA) and filter and target | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 14:59 |
| L40 | 194 | L30 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:59 |
| L41 | 53 | L31 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:59 |
| L42 | 45 | L32 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 15:00 |
| L43 | 194 | L33 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 15:00 |

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|-----|-----|--|---|----|-----|------------------|
| L44 | 214 | L34 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 15:00 |
| L45 | 12 | L35 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 15:00 |
| L46 | 60 | L36 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 15:00 |
| L47 | 20 | L37 and (thermal imaging) and camera and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 15:00 |
| L48 | 21 | optic\$4 and (UFPA or (uncool\$4 adj (focal adj plane))) and filter and target | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 15:01 |
| L49 | 9 | ("3889053" "4520504" "5219226" "5250809" "5404013" "5637871" "5811808").PN. OR ("6606115").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/07 15:01 |
| L50 | 14 | ("4143269" "4449787" "4640574" "4961626" "4999005" "5420828" "5512748" "6016160" "6144031" "6172657" "H001599").PN. OR ("6456261").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/07 15:01 |
| S1 | 644 | 250/330.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/22 08:35 |
| S2 | 767 | 250/332.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |
| S3 | 2 | 250/330.ccls. and (thermal "adj." imaging or image) and UFPA and lens | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/14 15:23 |
| S4 | 250 | 250/330.ccls. and (thermal "adj." imaging or image) and wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/20 14:14 |

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|-----|---------|---|--|----|-----|------------------|
| S5 | 87 | 250/330.ccls. and (thermal "adj." imaging or image) and spectral and filter | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/14 15:25 |
| S6 | 44 | 250/330.ccls. and (thermal "adj." imaging or image) and "pass filter" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/16 14:49 |
| S7 | 406 | 250/338.4.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 14:58 |
| S8 | 2 | 250/338.4.ccls. and (thermal "adj." imaging or image) and UFPA and lens | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 07:37 |
| S9 | 299 | 250/338.4.ccls. and (thermal imaging) | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/16 14:49 |
| S10 | 1675549 | 250/338.4.ccls. and (thermal imaging) and uncooled "adj." focal plane array | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 07:42 |
| S11 | 2293 | 250/338.4.ccls. and (thermal imaging) and uncooled "adj." ("focal plane array") | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 07:43 |
| S12 | 9 | 250/338.4.ccls. and (thermal imaging) and ("uncooled focal plane array") | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 07:44 |
| S13 | 252 | 250/338.4.ccls. and (thermal imaging and "uncooled focal plane array") | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 07:43 |
| S14 | 238 | 250/338.4.ccls. and (thermal imaging) and device | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 08:01 |
| S15 | 3 | 250/338.4.ccls. and (thermal imaging) and device and "optical assembly" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 09:19 |
| S16 | 1 | "4536658".PN. | USPAT | OR | OFF | 2004/07/15 08:42 |

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|-----|-----|---|--|----|-----|------------------|
| S17 | 7 | 250/330.ccls. and (thermal imaging) and device and "optical assembly" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 09:29 |
| S18 | 245 | 250/332.ccls. and (thermal imaging) and device and "focal plane" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 09:36 |
| S19 | 164 | 250/332.ccls. and (thermal imaging) and device and "focal plane array" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 09:36 |
| S20 | 10 | 250/330.ccls. and (thermal imaging) and device and "band pass filter" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 10:27 |
| S21 | 16 | 250/332.ccls. and (thermal imaging) and device and "band pass filter" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 12:21 |
| S22 | 3 | 250/338.4.ccls. and (thermal imaging) and device and "band pass filter" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2006/07/07 13:36 |
| S23 | 11 | 250/332.ccls. and (thermal imaging) and device and "optical assembly" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 12:26 |
| S24 | 7 | 250/330.ccls. and (thermal imaging) and device and "optical assembly" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 13:25 |
| S25 | 4 | 250/330.ccls. and (thermal imaging) and camera and "optical assembly" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 13:25 |
| S26 | 5 | 250/332.ccls. and (thermal imaging) and camera and "optical assembly" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/15 13:37 |
| S27 | 46 | 250/332.ccls. and (thermal imaging) and camera and hous\$4 and temperature\$4 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 13:55 |
| S28 | 37 | 250/332.ccls. and (thermal imaging) and camera and hous\$4 and temperature\$4 and optical | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:07 |

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|-----|----|---|--|----|----|------------------|
| S29 | 12 | 250/332.ccls. and (thermal imaging) and camera and hous\$4 and "optical axis" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:08 |
| S30 | 28 | 250/332.ccls. and (thermal imaging) and camera and "optical axis" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:17 |
| S31 | 5 | 250/333.ccls. and (thermal imaging) and camera and "optical axis" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:17 |
| S32 | 5 | 250/338.4.ccls. and (thermal imaging) and camera and "optical axis" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:17 |
| S33 | 28 | 250/332.ccls. and (thermal imaging) and camera and "optical axis" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:59 |
| S34 | 9 | 250/330.ccls. and (thermal imaging) and camera and "electrical output" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:19 |
| S35 | 15 | 250/332.ccls. and (thermal imaging) and camera and "electrical output" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:22 |
| S36 | 18 | 250/330.ccls. and ("thermal imaging") and camera and "filter" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:42 |
| S37 | 29 | 250/330.ccls. and ("thermal imaging") and camera and electronic\$ | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:43 |
| S38 | 39 | 250/330.ccls. and ("thermal imaging") and camera and electr\$7 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/15 14:55 |
| S39 | 56 | 250/330.ccls. and ("thermal imaging") and device and electr\$7 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 10:10 |
| S40 | 36 | 250/330.ccls. and ("thermal imaging") and device and temperature same range\$ | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 11:50 |

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|-----|----|---|--|----|-----|------------------|
| S41 | 30 | 250/330.ccls. and ("thermal imaging") and device and temperature same range\$ and C | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 07:46 |
| S42 | 6 | 250/330.ccls. and ("thermal imaging") and device and transmission same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/20 12:32 |
| S43 | 12 | 250/332.ccls. and ("thermal imaging") and device and transmission same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 12:11 |
| S44 | 4 | 250/338.1.ccls. and ("thermal imaging") and device and transmission same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/20 12:32 |
| S45 | 4 | 250/338.4.ccls. and ("thermal imaging") and device and transmission same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 12:17 |
| S46 | 6 | 250/330.ccls. and ("thermal imaging") and device and transmission same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 12:18 |
| S47 | 9 | 250/330.ccls. and ("thermal imaging") and device and absorpt\$4 same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 12:44 |
| S48 | 8 | 250/332.ccls. and ("thermal imaging") and UFPA | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 12:46 |
| S49 | 3 | 250/338.4.ccls. and ("thermal imaging") and UFPA | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 14:16 |
| S50 | 4 | 250/338.4.ccls. and ("thermal imaging") and transmission same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 14:16 |
| S51 | 5 | 250/338.4.ccls. and ("thermal imaging") and infrared same filter | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/16 14:16 |
| S52 | 19 | 250/352.ccls. and (thermal "adj." imaging or image) and "pass filter" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/16 14:49 |

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|-----|----|---|--|----|-----|------------------|
| S53 | 8 | 250/352.ccls. and ("thermal imaging") and wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/16 14:50 |
| S54 | 7 | 250/330.ccls. and ("thermal imaging") and transmission same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 07:49 |
| S55 | 2 | 250/330.ccls. and ("thermal imaging") and temperature same Celsius | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 07:54 |
| S56 | 3 | 250/332.ccls. and ("thermal imaging") and temperature same Celsius | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 07:58 |
| S57 | 10 | 250/330.ccls. and ("thermal imaging") and optical same assembly | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 13:38 |
| S58 | 7 | 250/330.ccls. and ("thermal imaging") and detector and band same width | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 09:42 |
| S59 | 1 | 250/339.04.ccls. and ("thermal imaging") and detector and band same width | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 09:55 |
| S60 | 2 | 250/339.01.ccls. and ("thermal imaging") and wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/21 09:10 |
| S61 | 1 | 250/339.04.ccls. and ("thermal imaging") and absorber same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/21 09:08 |
| S62 | 18 | 250/330.ccls. and ("thermal imaging") and absorber same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 10:09 |
| S63 | 15 | 250/330.ccls. and ("thermal imaging") and device and absorber same wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 10:21 |
| S64 | 15 | 250/330.ccls. and ("thermal imaging") and device and target and temp same range | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 10:40 |

EAST Search History

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|-----|----|---|--|----|----|------------------|
| S65 | 8 | 250/330.ccls. and ("thermal imaging") and device and target and temp\$7 same range and degree | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:00 |
| S66 | 8 | 250/330.ccls. and ("thermal imaging") and device and filter and width | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:01 |
| S67 | 4 | 250/330.ccls. and ("thermal imaging") and device and filter same width | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:09 |
| S68 | 2 | 250/330.ccls. and ("thermal imaging") and device and filter same width and wavelength | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:14 |
| S69 | 1 | 250/330.ccls. and ("thermal imaging") and device and filter same width and furnace | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:15 |
| S70 | 4 | 250/330.ccls. and ("thermal imaging") and device and furnace | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:20 |
| S71 | 4 | 250/330.ccls. and ("thermal imaging") and camera and furnace | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:21 |
| S72 | 2 | 250/332.ccls. and ("thermal imaging") and camera and furnace | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:21 |
| S73 | 1 | 250/339.02.ccls. and ("thermal imaging") and camera and furnace | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/07/07 14:12 |
| S74 | 1 | 250/330.ccls. and ("thermal imaging") and camera and furnace and filter | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 13:27 |
| S75 | 11 | ("thermal imaging") and camera and furnace and filter | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 12:36 |
| S76 | 30 | ("thermal imaging") and camera and furnace | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 13:02 |

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| S77 | 320 | ("thermal imaging") and camera and low same temp\$7 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 13:02 |
| S78 | 163 | ("thermal imaging") and camera and filter and low same temp\$7 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 13:05 |
| S79 | 52 | ("thermal imaging") and camera and filter and "low temperature" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 13:17 |
| S80 | 1 | ("thermal imaging") and camera and filter and -40 | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 13:17 |
| S81 | 7 | 250/330.ccls. and ("thermal imaging") and camera and "low temperature" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/19 13:27 |
| S82 | 12 | 250/330.ccls. and (thermal "adj." imaging or image) and sunlight | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/20 14:15 |
| S83 | 3 | 250/330.ccls. and (thermal "adj." imaging or image) and sunlight and "optical path" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/20 14:15 |
| S84 | 89 | 250/339.04.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/21 09:10 |
| S85 | 1315 | 250/338.1.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/21 09:10 |
| S86 | 120 | 250/339.01.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/21 09:10 |
| S87 | 161 | 250/339.02.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/07/21 09:10 |
| S88 | 4 | 250/330.ccls. and "band pass filters" | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/07/22 08:35 |

EAST Search History

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|----------|--------|--|---|----|----|------------------|
| S14 0 | 193 | 250/339.02.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:30 |
| S14 1 | 145608 | thermal and image and surface | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 09:02 |
| S14 2 | 56380 | S141 and (hous\$4 or chamber\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 07:48 |
| S14 3 | 6 | optic\$4 and (UFPA) and filter and target | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 09:02 |
| S14 4 | 3 | S142 and S143 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:43 |
| S14 5 | 9 | optic\$4 and (UFPA or (uncool\$4 adj (focal adj plane))) and filter and target and window and camera | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:01 |
| S14 6 | 240 | S142 and "L9" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:00 |
| S14 7 | 240 | S142 and "L9" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:00 |
| S14 8 | 1 | "250"\$.ccls. and S147 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:01 |
| S14 9 | 5 | optic\$4 and (UFPA or (uncool\$4 adj (focal adj plane))) and filter and target and window and S142 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 15:00 |
| S15 0 | 3 | "250"\$.ccls. and S149 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:03 |
| S15 1 | 2 | S150 and (bandpass or (band adj pass)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:09 |

EAST Search History

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|----------|---|--|---|----|----|------------------|
| S15 2 | 2 | S151 and (temperature same range) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:09 |
| S15 3 | 2 | optic\$4 and (UFPA or (uncool\$4 adj (focal adj plane))) and filter and target and (surface adj temperature) and window and S142 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:35 |
| S15 4 | 9 | S140 and (thermal and (surface same temperature) and target) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:31 |
| S15 5 | 6 | S140 and (thermal and (surface same temperature) and target and (degree or Celsius)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:32 |

EAST Search History

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|----------|-----|---|---|----|----|------------------|
| S15 6 | 99 | ("3621258" "3665190" "3891843" "3961325" "3971015" "3973146" "4176398" "4276474" "4298887" "4369463" "4380755" "4513390" "4587426" "4589024" "4609824" "4628364" "4652766" "4654622" "4659928" "4679068" "4684812" "4686373" "4739409" "4745278" "4752694" "4754139" "4792661" "4792681" "4808822" "4831257" "4879598" "4902895" "4922116" "4935629" "4956686" "4967082" "4991109" "4991127" "5010251" "5021663" "5045685" "5084704" "5118947" "5129595" "5134474" "5153436" "5166810" "5175802" "5185883" "5200623" "5201582" "5204761" "5216510" "5268576" "5288649" "5300915" "5326726" "5367167" "5369280" "5389788" "5399889" "5420419" "5442176" "5446284" "5486698" "5489776" "5512748" "5532484" "5541142" "5554849" "5559332" "5563405" "5572029" "5578826" "5591973" "5600369" "5650622" "5656848" "5698852" "5756999" "5760398" "5763885" "5811815" "6157404" "6225937" "6249002" "6274869").PN. OR ("6515285"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/07 08:34 |
| S15 8 | 2 | optic\$4 and (UFPA or (uncool\$4 adj (focal adj plane))) and filter and target and window and S153 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:35 |
| S15 9 | 240 | S146 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:35 |

EAST Search History

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|----------|-------|--|---|----|----|------------------|
| S16 1 | 40 | S141 and S156 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 13:38 |
| S16 2 | 2 | S143 and furnace | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:44 |
| S16 3 | 2 | S143 and (furnace or PPM) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:44 |
| S16 4 | 2 | S143 and fire | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:44 |
| S16 5 | 21 | (US-20020030162-\$ or US-20040129881-\$).did. or (US-5737119-\$ or US-5600139-\$ or US-5675149-\$ or US-6255650-\$ or US-5144149-\$ or US-6486473-\$ or US-6630670-\$ or US-6515285-\$ or US-4940895-\$ or US-5463222-\$ or US-6133569-\$ or US-6144031-\$ or US-5248884-\$ or US-4594507-\$ or US-RE33857-\$ or US-4257106-\$ or US-5268576-\$ or US-5396068-\$ or US-6649912-\$). did. | US-PGPUB; USPAT | OR | ON | 2006/07/07 08:48 |
| S16 6 | 3 | S165 and furnace | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 08:48 |
| S16 7 | 20 | ("3477291" "3477823" "3544710" "3588067" "3718758" "4110617" "4131914" "4218989" "4222506" "4264203" "4288162" "4315771" "4353257" "4463437").PN. OR ("RE33857").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/07 09:00 |
| S16 8 | 39768 | thermal and image and surface and ((high or low) ad temperature) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:27 |
| S16 9 | 4 | optic\$4 and (UFPA) and filter and target and S168 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 09:08 |

EAST Search History

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|----------|----|---|---|----|----|------------------|
| S17 0 | 14 | ("4143269" "4449787" "4640574" "4961626" "4999005" "5420828" "5512748" "6016160" "6144031" "6172657" "H001599").PN. OR ("6456261"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/07/07 09:05 |
| S17 2 | 1 | S170 and S168 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 09:07 |
| S17 3 | 1 | cryocooler and (low adj temperatur\$4) and S169 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 09:08 |
| S17 4 | 1 | optic\$4 and (UFPA) and filter and target and (cryocooler and (low adj temperatur\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 12:07 |
| S17 5 | 29 | thermal and image and surface and (cryocooler and (low adj temperatur\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/07/07 09:09 |